

## SECTION 7

### 7.04 TRENCHING OPERATIONS:

- A. Trench Width: All existing asphalt or concrete surfacing shall be cut vertically in a straight line, and removed from the jobsite prior to starting the trench excavation. This material shall not be used in any fill or backfill.

The trench shall be excavated so that a minimum clearance of 6 inches shall be maintained on each side of the pipe for proper placement and densification of the bedding and pipe zone or backfill material. The maximum trench width, measured at the top of the pipe shall be the outside diameter plus 24 inches regardless of the type of pipe, type of soil, depth of excavation or the method of densifying the bedding and backfill. See Sheet 10 of the Standard Drawings.

- B. Trench Support: The trench shall be adequately supported and the safety of workers provided for as required by the most recent standards adopted by OSHA.

Sheeting and shoring shall be utilized where required to prevent any excessive widening or sloughing of the trench, which may be detrimental to human safety, to the pipe or appurtenances being installed, to existing utilities, to existing structures, or to any other existing facility or item.

Excavated material shall not be placed closer than 2 feet from the top edge of the trench. Heavy equipment should not be used, or placed, near the sides of the trench unless the trench is adequately braced.